

SECTION 01 14 00 - WORK RESTRICTIONS

PART 1 - GENERAL

1.1 SUMMARY

- A. Perform administrative job related requirements necessary for the proper conduct of the Work as indicated in this section and to comply with the General Conditions.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Materials shall be in accordance with the requirements of the individual sections of these specifications.

2.2 MATERIALS CONTAINING ASBESTOS

- A. No materials or products which contain asbestos in any form may be used on this project.

2.3 LEAD FREE PAINT, PLUMBING AND FLASHING MATERIALS

- A. Only lead free paint, plumbing and flashing materials may be used on this project.

2.4 BUY AMERICA ACT

- A. Provide only equipment and materials of United States manufacture on this project.

PART 3 - EXECUTION

3.1 FIELD MEASUREMENTS

- A. Contractor, Installer and sub-contractors are responsible for making complete field measurements. Check all dimensions at the job site for components requiring fit to surrounding conditions. Check shop drawings and indicate the actual dimension available at all locations.

3.2 JOB SAFETY PROGRAM REQUIREMENTS

- A. All on-site work under this Contract shall be performed in compliance with the requirements of all Federal and State Occupational Safety and Health laws and regulations as they apply to construction site activity.

1. Comply with applicable Occupational Safety and Health Standard (29 CFR 1910 and 1926) promulgated pursuant to authority of the Occupational Safety and Health Act of 1970.
 2. Comply with any other applicable Federal, State, or local regulations governing workplace safety to the extent that they do not conflict with other clauses of this contract. If a conflict exists between sections of this Contract, the more stringent requirement takes precedence.
 3. Take all other proper precautions to protect the safety and health of the contractor's employees, Federal Aviation Administration employees, and the public. Provide and maintain barricades, guard rails, covered walkways, lighting devices and other protective devices necessary to warn and protect the workmen and general public from hazards at the construction site.
- B. A minimum of 7 days prior to the start of construction, the contractor shall submit a preliminary Project Safety Program, and meet/discuss with the Contracting Officer's Technical Representative (COTR) to review the preliminary program and to discuss overall project safety requirements.
- C. Prior to the start of construction activity, the contractor shall revise the preliminary Safety Program addressing FAA comments and provide FAA one copy of the final Project Safety Program. This program shall provide an aggressive action system by which hazardous conditions and unsafe practices shall be eliminated during the performance of this Contract. Construction work under this Contract shall not begin until the Project Safety program has been approved by COTR. Approval shall not relieve the contractor of the responsibility for full compliance with all applicable statutory and regulatory requirements.
1. In addition to compliance with applicable statutory and regulatory requirements, the Project Safety Program shall contain provisions for mandatory safety orientation for every subcontractor, and vendor employee assigned or sent to the site. Safety orientation shall cover as a minimum the rules and regulations governing on-site construction activities, special known hazards, accident prevention, emergency procedures, and personal protection equipment requirements. Upon completion of the safety orientation, each attendee will be issued a hard hat sticker. No contractor, subcontractor, or vendor employee will be allowed to enter or remain on-site without a hard hat bearing a valid safety orientation sticker.
- D. The contractor will maintain an accurate record of exposure data and all accidents incident to work performed under this Contract resulting in death, traumatic injury, occupational disease, or damage to property, material, supplies, or equipment. The contractor must report the exposure data and accidents as prescribed by the COTR.
- E. All subcontracts and vendor purchase orders related to this project shall contain provisions requiring compliance with the contractor's approved Project Safety Program.

3.3 FIRE PROTECTION

- A. Maintain fire extinguishers at construction site in sufficient number to adequately protect the structures during construction. Provide at least one fire extinguisher at each construction office. Provide at least one fire extinguisher for welders or other trades using open flames in the execution of their work. Maintain "Fire Watch" personnel, with fire extinguisher in hand, during all welding/cutting or other open flame operations on, within, or near existing facility.

- B. Maintain the telephone number of the local fire department. Keep number posted conspicuously near telephone. Posted a summary of telephone numbers at an approved location that list FAA personnel, fire department, hospital, etc. for emergency.

3.4 DISRUPTION TO SERVICES

- A. The loss of shut down of existing FAA air traffic control equipment or associated support equipment for any amount of time will jeopardize safety of the flying public and may result in criminal charges against the contractor.
- B. Disruption to existing utilities, piping, or electrical services must be held to a minimum. Carefully plan work in a manner that such disruptions are coordinated with the COTR. Any operation which requires shut down of some portion of the facilities operation must be in compliance with section 01 10 00, "Summary of Work."
- C. Maintain storm sewers and sanitary sewers in service at all times. In the event that it becomes necessary to disrupt one of the utilities, provide temporary service around the construction or otherwise construct the structure in a manner that the flow is not curtailed.

3.5 ENVIRONMENTAL PROTECTION AND POLLUTION CONTROL

- A. The contractor shall perform all work necessary to implement and accomplish a program to prevent environmental pollution during or as a result of construction performed under this contract.
- B. Take necessary precautions to prevent contamination of soil or atmosphere by the discharge of noxious substances resulting from construction operations. Provide equipment and personnel and perform emergency measures necessary to contain any spillage. If contamination of the soil does occur, excavate contaminated soil and dispose of at an off-site location in accordance with applicable Federal, State, and local regulations. Fill resulting excavations with suitable backfill and compact to the density of the surrounding undisturbed soil.
- C. Take measures to prevent dispersal of pollutants into the atmosphere. Do not dump or otherwise discharge noxious, volatile or harmful fluids into drains or sewers.
- D. Refer to Section 00 31 26 "Existing Hazardous Material Information" for information on existing conditions at facility.

3.6 HANDLING OF HAZARDOUS MATERIALS

- A. Hazardous material which has been identified and requires removal, encapsulation or other protection shall be performed only by qualified, independent asbestos and/or lead base paint abatement contractor(s) as part of this Contract. Disposal of hazardous material resulting from this work shall be in accordance with applicable Federal, State and local regulations.

3.7 WEATHER PROTECTION

- A. Structure: Provide and maintain weather protection with tarpaulins or polyethylene film supported on and secured to temporary framework and scaffolding to protect all parts of the structure and contents from damage by the elements.
- B. Wall Openings: Install, maintain and subsequently remove, temporary weather closures, at exterior walls, parapets, columns and roof construction, as required. These closures shall be installed at the conclusion of each working period affecting the wall openings and shall be maintained in weather-tight condition until work is resumed and completed. The weather closures shall be subject to approval and direction of the COTR.

3.8 SLEEVES AND EQUIPMENT BASE

- A. Furnish and install temporary watertight closures for sleeve openings below grade. Such closures shall remain in place until pipe installation in sleeves is completed and made watertight.
- B. Coordinate the sizes, locations, and installation of all sleeves and equipment bases in a time and manner to avoid any hindrance to work of other trades. In the event that sleeves, inserts, and any imbedded items are to be placed in concrete, form required openings in the Work. Any subsequent related cutting and patching will be the responsibility of the Design/Builder.

3.9 BLASTING

- A. No blasting will be permitted at this site.

3.10 HAUL ROUTE

- A. Haul and Access Route to the site is as identified on the Drawings or during the preconstruction conference. The contractor shall comply with the requirements and regulations of the appropriate local, state, and federal agencies.

3.11 ORDER OF PRECEDENCE

Coordinate work in a manner to avoid conflicts or interference between trades. Lay out work in advance of installation to ascertain location of various systems and arrangement of ductwork, piping, conduit and equipment. Coordinate work and take action as necessary to avoid conflicts between the work of the various trades. Establish the exact locations of equipment based on actual dimensions of the items furnished.

3.12 INITIAL MAINTENANCE

- A. Maintain equipment until the project is turned over to the FAA. Ensure that mechanical equipment is properly greased, oiled, or otherwise cared for as recommended by the manufacturer. Do not operate air handling equipment unless filters are in place and are clean. Change filters operating air handling equipment weekly during construction/operations.

- B. One week prior to the FAA taking possession, service equipment if applicable. Make sure that oiling points are oiled, bearings are greased, and other maintenance is performed. Replace all replaceable filters and clean permanent filters associated with air handling units or other packaged equipment.

END OF SECTION 01 14 00